

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1537	(455/296,302).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/08 11:38
S1	3	((("6321073") or ("6161004") or ("20020114413")).PN.	US-PGPUB; USPAT	OR	OFF	2006/05/14 11:52
S2	219	quadrature near8 (offset\$3 or delay\$3) near8 dc	US-PGPUB; USPAT	OR	OFF	2005/01/23 15:12
S3	3425	((455/131,232.1,234.1,250.1,245.1,324,283,287,251.1,304) or (375/345,346)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/01/23 15:13
S4	39	S2 and S3	US-PGPUB; USPAT	OR	OFF	2005/01/23 15:17
S5	29	mix\$3 near12 S2	US-PGPUB; USPAT	OR	OFF	2005/01/23 15:17
S6	9	S3 and S5	US-PGPUB; USPAT	OR	OFF	2005/01/23 15:17
S7	4004	((455/131,232.1,234.1,250.1,245.1,324,283,287,251.1,304) or (375/345,346)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/03 14:10
S8	1	("20020114413").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/03 14:10
S9	4030	((455/131,232.1,234.1,250.1,245.1,324,283,287,251.1,304) or (375/345,346)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/14 11:50
S10	4030	((455/131,232.1,234.1,250.1,245.1,324,283,287,251.1,304) or (375/345,346)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/14 11:50

S11	3	((("6321073") or ("6161004") or ("20020114413"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/05/14 11:52
S12	298	quadrature near8 (offset\$3 or delay\$3) near8 dc	US-PGPUB; USPAT	OR	OFF	2006/05/14 11:53
S13	0	S11 and vector	US-PGPUB; USPAT	OR	OFF	2006/05/14 11:53
S14	561	delay near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 vector	US-PGPUB; USPAT	OR	ON	2006/05/14 11:58
S15	1	delay near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 vector near8 dc near5 offset	US-PGPUB; USPAT	OR	ON	2006/05/14 11:55
S16	1	delay near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 vector near12 dc near5 offset	US-PGPUB; USPAT	OR	ON	2006/05/14 12:03
S17	3	delay near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 vector near12 (inphase or quadrature)	US-PGPUB; USPAT	OR	ON	2006/05/14 11:56
S18	19	delay near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 vector near12 ("I" or "Q")	US-PGPUB; USPAT	OR	ON	2006/05/14 11:56
S19	9	S9 and S14	US-PGPUB; USPAT	OR	OFF	2006/05/14 11:58
S20	250	delay near3 vector near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3)	US-PGPUB; USPAT	OR	ON	2006/05/14 12:09
S21	4030	((455/131,232.1,234.1,250.1,245.1,324,283,287,251.1,304) or (375/345,346)). CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/14 12:03
S22	2	S20 and S21	US-PGPUB; USPAT	OR	OFF	2006/05/14 12:04
S23	75414	"455".clas.	US-PGPUB; USPAT	OR	OFF	2006/05/14 12:04

S24	19	S20 and S23	US-PGPUB; USPAT	OR	OFF	2006/05/14 12:04
S25	5	delay near3 vector near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 offset\$4	US-PGPUB; USPAT	OR	ON	2006/05/14 12:07
S26	75	delay near vector near4 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3)	US-PGPUB; USPAT	OR	ON	2006/05/14 12:11
S27	1	delay near vector near4 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 (inphase or "in-phase" or quadrature)	US-PGPUB; USPAT	OR	ON	2006/05/14 12:11
S28	1	("20020114413").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/14 14:20
S29	5	compar\$4 near4 (level or gain) near5 (inphase or "in-phase" or quadrature) near5 threshold	US-PGPUB; USPAT	OR	OFF	2006/05/14 14:53
S30	2	((("6161004") or ("6321073")).PN.	US-PGPUB; USPAT	OR	OFF	2006/05/14 14:54
S31	4268	((455/131,232.1,234.1,250.1,245.1,324,283,287,251.1,304) or (375/345,346)). CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/29 17:14
S32	317	quadrature near8 (offset\$3 or delay\$3) near8 dc	US-PGPUB; USPAT	OR	OFF	2006/09/29 17:14
S33	57	(quadrature near8 (offset\$3 or delay\$3) near8 dc).clm.	US-PGPUB; USPAT	OR	ON	2006/09/29 17:14
S34	1	delay near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 vector near12 dc near5 offset	US-PGPUB; USPAT	OR	ON	2006/09/29 17:14
S35	264	delay near3 vector near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3)	US-PGPUB; USPAT	OR	ON	2006/09/29 17:15
S36	58	(delay near3 vector near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3)). clm.	US-PGPUB; USPAT	OR	ON	2006/09/29 17:15

S37	5	compar\$4 near4 (level or gain) near5 (inphase or "in-phase" or quadrature) near5 threshold	US-PGPUB; USPAT	OR	OFF	2006/09/29 17:15
S38	1	(compar\$4 near4 (level or gain) near5 (inphase or "in-phase" or quadrature) near5 threshold).clm.	US-PGPUB; USPAT	OR	OFF	2006/09/29 17:15
S39	4336	((455/131,232.1,234.1,250.1,245.1,324,283,287,251.1,304) or (375/345,346)). CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/13 13:06
S40	324	quadrature near8 (offset\$3 or delay\$3) near8 dc	US-PGPUB; USPAT	OR	OFF	2006/11/13 13:06
S41	5	delay near3 vector near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 offset\$4	US-PGPUB; USPAT	OR	ON	2006/11/13 13:07
S42	1	quadrature near12 "delay vector"	US-PGPUB; USPAT	OR	ON	2006/11/13 13:08
S43	364	quadrature near12 dc near4 offset\$4	US-PGPUB; USPAT	OR	ON	2006/11/13 13:08
S44	55	quadrature near12 dc near4 offset\$4 near4 correct\$3	US-PGPUB; USPAT	OR	ON	2006/11/13 13:54
S45	1	quadrature near12 dc near4 offset\$4 near4 correct\$3 near8 vector	US-PGPUB; USPAT	OR	ON	2006/11/13 13:10
S46	1	quadrature near12 dc near4 offset\$4 near4 correct\$3 near8 delay\$3	US-PGPUB; USPAT	OR	ON	2006/11/13 13:10
S47	1	("20020114413").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/13 13:54
S48	4657	((455/131,232.1,234.1,250.1,245.1,324,283,287,251.1,304) or (375/345,346)). CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/11 08:28
S49	357	quadrature near8 (offset\$3 or delay\$3) near8 dc	US-PGPUB; USPAT	OR	OFF	2007/06/11 08:28

S50	63	S49 and S48	US-PGPUB; USPAT	OR	OFF	2007/06/11 08:28
S51	637	delay near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 vector	US-PGPUB; USPAT	OR	ON	2007/06/11 08:28
S52	5	delay near3 vector near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 offset\$4	US-PGPUB; USPAT	OR	ON	2007/06/11 09:12
S53	54	mix\$3 near12 S49	US-PGPUB; USPAT	OR	OFF	2007/06/11 08:29
S54	402	quadrature near12 dc near4 offset\$4	US-PGPUB; USPAT	OR	ON	2007/06/11 08:29
S55	5	compar\$4 near4 (level or gain) near5 (inphase or "in-phase" or quadrature) near5 threshold	US-PGPUB; USPAT	OR	OFF	2007/12/10 15:22
S56	8	compar\$4 near4 (level or gain) near8 (inphase or "in-phase" or quadrature) near8 threshold	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 15:23
S57	15	gain near7 (inphase or "in-phase" or quadrature) near8 threshold	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 15:24
S58	2	((("20020114413") or ("5631969"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/08 13:51
S59	5143	((455/131,232.1,234.1,250.1,245.1,324,283,287,251.1,304) or (375/345,346)).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/05/08 14:05
S60	5143	((455/131,232.1,234.1,250.1,245.1,324,283,287,251.1,304) or (375/345,346)).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/05/08 14:05
S61	29	delay near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 vector near12 ("I" or "Q")	US-PGPUB; USPAT	OR	ON	2008/05/08 14:05

S62	317	delay near3 vector near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3)	US-PGPUB; USPAT	OR	ON	2008/05/08 14:05
S63	15	gain near7 (inphase or "in-phase" or quadrature) near8 threshold	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/08 14:06
S64	418	quadrature near8 (offset\$3 or delay\$3) near8 dc	US-PGPUB; USPAT	OR	OFF	2008/05/08 14:06
S65	63	mix\$3 near12 S64	US-PGPUB; USPAT	OR	OFF	2008/05/08 14:06
S66	17	S59 and S65	US-PGPUB; USPAT	OR	OFF	2008/05/08 14:06
S67	418	quadrature near8 (offset\$3 or delay\$3) near8 dc	US-PGPUB; USPAT	OR	OFF	2008/05/08 14:06
S68	703	delay near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 vector	US-PGPUB; USPAT	OR	ON	2008/05/08 14:07
S69	418	quadrature near8 (offset\$3 or delay\$3) near8 dc	US-PGPUB; USPAT	OR	OFF	2008/05/08 14:07
S70	63	mix\$3 near12 S69	US-PGPUB; USPAT	OR	OFF	2008/05/08 14:07
S71	9	(mix\$3 near12 S69).clm.	US-PGPUB; USPAT	OR	OFF	2008/05/08 14:07
S72	82	(quadrature near8 (offset\$3 or delay\$3) near8 dc).clm.	US-PGPUB; USPAT	OR	OFF	2008/05/08 14:08
S73	0	(S59 and S65).clm.	US-PGPUB; USPAT	OR	OFF	2008/05/08 14:08

S74	5244	((455/131,232.1,234.1,250.1,245.1,324,283,287,251.1,304) or (375/345,346)). OCLS.	US- PGPUB; USPAT	OR	OFF	2008/06/30 16:54
S75	5	delay near3 vector near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 offset\$4	US- PGPUB; USPAT	OR	ON	2008/06/30 16:54
S76	1	("20020160738").PNL	US- PGPUB; USPAT; USOCR	OR	OFF	2008/06/30 16:55
S77	3	minimum near7 maximum near8 inphase near6 quadrature	US- PGPUB; USPAT; USOCR	OR	ON	2008/06/30 17:17
S78	4	minimum near12 maximum near12 inphase near12 quadrature	US- PGPUB; USPAT; USOCR	OR	ON	2008/06/30 17:17
S79	291	minimum near12 maximum near12   near12 Q	US- PGPUB; USPAT; USOCR	OR	ON	2008/06/30 17:18
S80	6	(US-20020080863-\$ or US-20020160738-\$).did. or (US-5867411-\$ or US-6985518-\$ or US-6782264-\$ or US-5631969-\$).did.	US- PGPUB; USPAT	OR	ON	2008/06/30 17:21
S81	22	(minimum near12 maximum near12   near12 Q).clm.	US- PGPUB; USPAT; USOCR	OR	ON	2008/06/30 17:46
S82	20	minimum near12   near12 Q near8 increas\$3	US- PGPUB; USPAT; USOCR	OR	ON	2008/06/30 18:04
S83	22	minimum near12 (  or inphase or "in-phase") near12 (Q or quadrature) near8 increas\$3	US- PGPUB; USPAT; USOCR	OR	ON	2008/06/30 18:09

S84	2	S83 not S82	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/30 18:09
S85	27	minimum near12 (I or inphase or "in-phase") near12 (Q or quadrature) near8 compar\$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/30 18:10
S86	5257	((455/131,232.1,234.1,250.1,245.1,324,283,287,251.1,304) or (375/345,346)). CCLS.	US-PGPUB; USPAT	OR	OFF	2008/07/06 13:47
S87	423	quadrature near8 (offset\$3 or delay\$3) near8 dc	US-PGPUB; USPAT	OR	OFF	2008/07/06 13:48
S88	716	delay near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 vector	US-PGPUB; USPAT	OR	ON	2008/07/06 13:48
S89	96	delay near vector near4 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3)	US-PGPUB; USPAT	OR	ON	2008/07/06 13:48
S90	5	compar\$4 near4 (level or gain) near5 (inphase or "in-phase" or quadrature) near5 threshold	US-PGPUB; USPAT	OR	OFF	2008/07/06 13:48
S91	423	quadrature near8 (offset\$3 or delay\$3) near8 dc	US-PGPUB; USPAT	OR	OFF	2008/07/06 13:48
S92	22	(minimum near12 maximum near12 I near12 Q).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/06 13:49
S93	5441	((455/131,232.1,234.1,250.1,245.1,324,283,287,251.1,304) or (375/345,346)). CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/06 16:36
S94	443	quadrature near8 (offset\$3 or delay\$3) near8 dc	US-PGPUB; USPAT	OR	OFF	2008/11/06 16:36
S95	5441	((455/131,232.1,234.1,250.1,245.1,324,283,287,251.1,304) or (375/345,346)). CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/06 16:36



S96	77	S94 and S95	US-PGPUB; USPAT	OR	OFF	2008/11/06 16:36
S97	69	mix\$3 near12 S94	US-PGPUB; USPAT	OR	OFF	2008/11/06 16:36
S98	98	delay near vector near4 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3)	US-PGPUB; USPAT	OR	ON	2008/11/06 16:37
S99	5	compar\$4 near4 (level or gain) near5 (inphase or "in-phase" or quadrature) near5 threshold	US-PGPUB; USPAT	OR	OFF	2008/11/06 16:37
S100	499	quadrature near12 dc near4 offset\$4	US-PGPUB; USPAT	OR	ON	2008/11/06 16:37
S101	747	delay near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 vector	US-PGPUB; USPAT	OR	ON	2008/11/06 16:37
S102	87	(quadrature near8 (offset\$3 or delay\$3) near8 dc).clm.	US-PGPUB; USPAT	OR	OFF	2008/11/06 16:37
S103	443	quadrature near8 (offset\$3 or delay\$3) near8 dc	US-PGPUB; USPAT	OR	OFF	2008/11/06 16:38
S104	98	delay near vector near4 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3)	US-PGPUB; USPAT	OR	ON	2008/11/06 16:38
S105	22	(minimum near12 maximum near12 I near12 Q).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/06 16:38
S106	87	(quadrature near8 (offset\$3 or delay\$3) near8 dc).clm.	US-PGPUB; USPAT	OR	OFF	2008/11/06 16:38
S107	10	(mix\$3 near12 S94).clm.	US-PGPUB; USPAT	OR	OFF	2008/11/06 16:38

S108	21	(delay near vector near4 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3)). clm.	US- PGPUB; USPAT	OR	ON	2008/11/06 16:39
S109	131	(delay near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 vector). clm.	US- PGPUB; USPAT	OR	ON	2008/11/06 16:39

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